

Patent Abstracts of Japan

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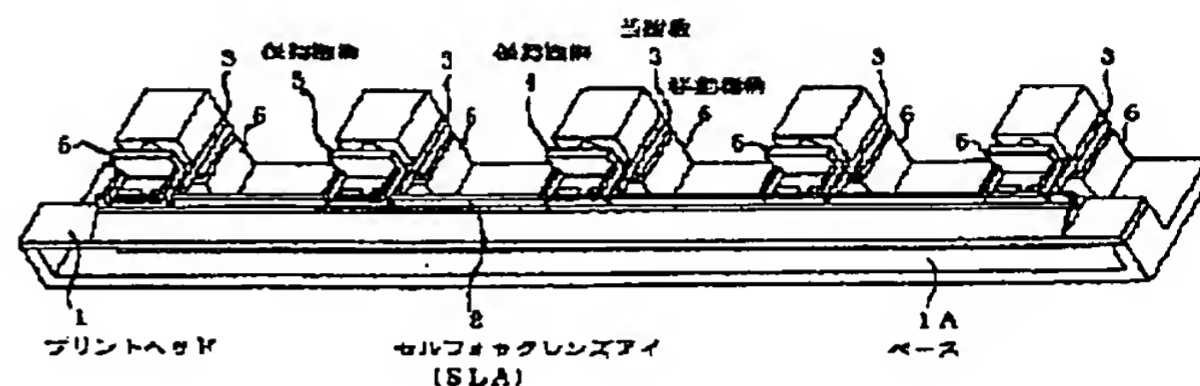
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TITLE : HOLDING MECHANISM FOR SELFOC
LENS ARRAY



ABSTRACT : PURPOSE: To prevent slide in an up-and-down direction from being caused in a holding part and to prevent a 'Selfoc (R)' lens array(SLA) from being deformed at the time of moving and adjusting the SLA up and down by holding the SLA at several spots so that the SLA mounted on a printing head may be positioned.

CONSTITUTION: By moving and adjusting a moving mechanism 6 in a state where the SLA 2 is held, a rigid pin 4A holding the center part of the SLA 2 sticks the SLA 2, so that the slide is not caused in the center part of the SLA 2. Since an elastic pin 5A holding a part other than the center part of the SLA 2 presses the SLA 2, force in a lateral direction is generated in the SLA 2 and tries to deform the SLA 2 at the time of moving and adjusting the mechanism 6. The hardness of the elastic pin 5A is lower than that of the SLA 2, so that only the rubber of the pin 5A is deformed in the lateral direction, the SLA 2 is not deformed, and the SLA 2 is held without causing the slide in the up-and-down direction.

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